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Dokument:	Standard Action	Gültig ab:10.06.2015		
Titel:	BA + Kochvorschrift			

1677. Cyanobacteria Medium BA+

	Volume [mL/L]	Stock Solutions [g/L]
NaCl	33.3	250
MgCl ₂ x 6H ₂ O	3.3	200
KCl	3.3	50
Mg ₄ SO ₂ x 7 H ₂ O	3.3	350
CaCl ₂ x 2 H ₂ O	3.3	50
Na ₃ -citrate x 2H ₂ O	8.3	0.6
Na ₂ -EDTA x 2H ₂ O	8.3	0.1
Trace Metal Mix	1.0	-

Adjust to 1000mL with H₂O dist. and autoclave.

After cooling, add the following filter sterilized components

	Volume [mL/L]	Stock Solutions [g/L]
NaNO ₃	4.15	300
K ₂ HPO ₄ x 3H ₂ O	4.15	8.0
Na ₂ CO ₃	2.3	20
Fe-NH ₄ -citrate	0.8	6.0
Vitamin B12	1.0	0.02

BA + Stock Solutions

	[g/L]	[ml/L]		
<u>Trace metal Mix</u>	H ₃ BO ₃	2.86	<-	
	MnCl ₂ x 4H ₂ O	1.81	<-	
	ZnSO ₄ x 7H ₂ O	0.22	<-	
	Na ₂ MoO ₄ x 2H ₂ O	0.39	<-	
	CuSO ₄ x 5H ₂ O	->	10 ml	0.8g/100mL Stock Sol.
	Co(NO ₃) ₂ x 6H ₂ O	->	10 ml	0.5g/100mL Stock Sol.